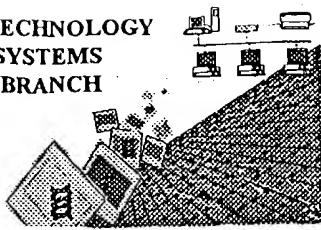


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/840,2770

Source:

FW16

Date Processed by STIC:

9/15/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04): U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 09/840,2970

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleic
Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
Numbering The numbering under each 5th amino acid is misaligned. **Do not use tab codes between numbers; use space characters**, instead.
- 4 Non-ASCII The submitted file was **not saved** in ASCII(DOS) text, as required by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**
- 5 Variable Length 15 Sequence(s) contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
"bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
- 7 Skipped Sequences
(OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for **each** skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
(NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for **each** skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 Use of n's or Xaa's
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
"bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/840,277D

DATE: 09/15/2004

TIME: 09:25:05

Input Set : A:\A-688A.ST25.txt

Output Set: N:\CRF4\09152004\I840277D.raw

3 <110> APPLICANT: FEIGE, ULRICH
 4 KOHNO, TADAHIKO
 5 LACEY, DAVID
 6 BOONE, THOMAS CHARLES
 8 <120> TITLE OF INVENTION: ADHESION ANTAGONISTS (as amended)
 10 <130> FILE REFERENCE: A-688A
 12 <140> CURRENT APPLICATION NUMBER: US 09/840,277D
 13 <141> CURRENT FILING DATE: 2001-04-23
 15 <150> PRIOR APPLICATION NUMBER: US 60/198,919
 16 <151> PRIOR FILING DATE: 2000-04-21
 18 <150> PRIOR APPLICATION NUMBER: US 60/201,394
 19 <151> PRIOR FILING DATE: 2000-05-03
 21 <160> NUMBER OF SEQ ID NOS: 137
 23 <170> SOFTWARE: PatentIn version 3.2
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 684
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Homo sapiens
 31 <220> FEATURE:
 32 <221> NAME/KEY: CDS
 33 <222> LOCATION: (1)..(684)
 35 <400> SEQUENCE: 1

36 atg gac aaa act cac aca tgt cca cct tgt cca gct ccg gaa ctc ctg 37 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu 38 1 5 10 15 40 ggg gga ccg tca gtc ttc ctc ttc ccc cca aaa ccc aag gac acc ctc 41 Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu 42 20 25 30 44 atg atc tcc ccg acc cct gag gtc aca tgc gtg gtg gac gtg agc 45 Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser 46 35 40 45 48 cac gaa gac cct gag gtc aag ttc aac tgg tac gtg gac ggc gtg gag 49 His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu 50 50 55 60 52 gtg cat aat gcc aag aca aag ccg cgg gag gag cag tac aac agc acg 53 Val His Asn Ala Lys Thr Lys Pro Arg Glu Gln Tyr Asn Ser Thr 54 65 70 75 80 56 tac cgt gtg gtc agc gtc ctc acc gtc ctg cac cag gac tgg ctg aat 57 Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn 58 85 90 95 60 ggc aag gag tac aag tgc aag gtc tcc aac aaa gcc ctc cca gcc ccc 61 Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro 62 100 105 110	48 96 144 192 240 288 336
--	---

Does Not Comply
Corrected Diskette Needed

Jy 5-7

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/840,277D

DATE: 09/15/2004

TIME: 09:25:05

Input Set : A:\A-688A.ST25.txt

Output Set: N:\CRF4\09152004\I840277D.raw

64 atc gag aaa acc atc tcc aaa gcc aaa ggg cag ccc cga gaa cca cag	384
65 Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln	
66 115 120 125	
68 gtg tac acc ctg ccc cca tcc cggtt gat gag ctg acc aag aac cag gtc	432
69 Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val	
70 130 135 140	
72 agc ctg acc tgc ctg gtc aaa ggc ttc tat ccc agc gac atc gcc gtg	480
73 Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val	
74 145 150 155 160	
76 gag tgg gag agc aat ggg cag ccg gag aac aac tac aag acc acg cct	528
77 Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Thr Thr Pro	
78 165 170 175	
80 ccc gtg ctg gac tcc gac ggc tcc ttc ttc ctc tac agc aag ctc acc	576
81 Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr	
82 180 185 190	
84 gtg gac aag agc agg tgg cag cag ggg aac gtc ttc tca tgc tcc gtg	624
85 Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val	
86 195 200 205	
88 atg cat gag gct ctg cac aac cac tac acg cag aag agc ctc tcc ctg	672
89 Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu	
90 210 215 220	
92 tct ccg ggt aaa	684
93 Ser Pro Gly Lys	
94 225	
97 <210> SEQ ID NO: 2	
98 <211> LENGTH: 228	
99 <212> TYPE: PRT	
100 <213> ORGANISM: Homo sapiens	
102 <400> SEQUENCE: 2	
104 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu	
105 1 5 10 15	
108 Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu	
109 20 25 30	
112 Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser	
113 35 40 45	
116 His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu	
117 50 55 60	
120 Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr	
121 65 70 75 80	
124 Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn	
125 85 90 95	
128 Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro	
129 100 105 110	
132 Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln	
133 115 120 125	
136 Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val	
137 130 135 140	
140 Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val	
141 145 150 155 160	

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/840,277D

DATE: 09/15/2004

TIME: 09:25:05

Input Set : A:\A-688A.ST25.txt
Output Set: N:\CRF4\09152004\I840277D.raw

144 Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Thr Thr Pro
145 165 170 175
148 Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr
149 180 185 190
152 Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val
153 195 200 205
156 Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu
157 210 215 220
160 Ser Pro Gly Lys
161 225
164 <210> SEQ ID NO: 3
165 <211> LENGTH: 8
166 <212> TYPE: PRT
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Preferred linker
172 <400> SEQUENCE: 3
174 Gly Gly Gly Lys Gly Gly Gly
175 1 5
178 <210> SEQ ID NO: 4
179 <211> LENGTH: 8
180 <212> TYPE: PRT
181 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Preferred linker
186 <400> SEQUENCE: 4
188 Gly Gly Gly Asn Gly Ser Gly Gly
189 1 5
192 <210> SEQ ID NO: 5
193 <211> LENGTH: 8
194 <212> TYPE: PRT
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Preferred linker
200 <400> SEQUENCE: 5
202 Gly Gly Gly Cys Gly Gly Gly
203 1 5
206 <210> SEQ ID NO: 6
207 <211> LENGTH: 5
208 <212> TYPE: PRT
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Preferred linker
214 <400> SEQUENCE: 6
216 Gly Pro Asn Gly Gly
217 1 5
220 <210> SEQ ID NO: 7
221 <211> LENGTH: 5
222 <212> TYPE: PRT

RAW SEQUENCE LISTING DATE: 09/15/2004
PATENT APPLICATION: US/09/840,277D TIME: 09:25:05

Input Set : A:\A-688A.ST25.txt
Output Set: N:\CRF4\09152004\I840277D.raw

223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Laminin peptide
228 <400> SEQUENCE: 7
230 Tyr Ile Gly Ser Arg
231 1 5
234 <210> SEQ ID NO: 8
235 <211> LENGTH: 49
236 <212> TYPE: PRT
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Echistatin peptide
242 <400> SEQUENCE: 8
244 Glu Cys Glu Ser Gly Pro Cys Cys Arg Asn Cys Lys Phe Leu Lys Glu
245 1 5 10 15
248 Gly Thr Ile Cys Lys Arg Ala Arg Gly Asp Asp Met Asp Asp Tyr Cys
249 20 25 30
252 Asn Gly Lys Thr Cys Asp Cys Pro Arg Asn Pro His Lys Gly Pro Ala
253 35 40 45
256 Thr
260 <210> SEQ ID NO: 9
261 <211> LENGTH: 7
262 <212> TYPE: PRT
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: RGD, NGR derivative peptide
269 <220> FEATURE:
270 <221> NAME/KEY: misc_feature
271 <222> LOCATION: (2, 5 and)...(7)
272 <223> OTHER INFORMATION: Xaa is any amino acid
274 <400> SEQUENCE: 9
W--> 276 Arg Xaa Glu Thr Xaa Trp Xaa
277 1 5
280 <210> SEQ ID NO: 10
282 <400> SEQUENCE: 10
W--> 283 000
285 <210> SEQ ID NO: 11
286 <211> LENGTH: 9
287 <212> TYPE: PRT
288 <213> ORGANISM: Artificial Sequence
290 <220> FEATURE:
291 <223> OTHER INFORMATION: RGD, NGR derivative peptide
294 <220> FEATURE:
295 <221> NAME/KEY: misc_feature ←
296 <222> LOCATION: (2, 3, 7 and)...(8)
297 <223> OTHER INFORMATION: Xaa is any amino acid
299 <400> SEQUENCE: 11
W--> 301 Cys Xaa Xaa Arg Leu Asp Xaa Xaa Cys
302 1 5

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/840,277D

DATE: 09/15/2004
TIME: 09:25:05

Input Set : A:\A-688A.ST25.txt
Output Set: N:\CRF4\09152004\I840277D.raw

305 <210> SEQ ID NO: 12
307 <400> SEQUENCE: 12

W--> 308 000

310 <210> SEQ ID NO: 13
311 <211> LENGTH: 9
312 <212> TYPE: PRT
313 <213> ORGANISM: Artificial Sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: RGD, NGR derivative peptide
319 <220> FEATURE:
320 <221> NAME/KEY: misc_feature
321 <222> LOCATION: (1, 2, 3, 7, 8 and)...(9)
322 <223> OTHER INFORMATION: Xaa is any amino acid with Xaa at 1, 3, 7 and 9 capable of
323 forming a bridge.
325 <400> SEQUENCE: 13

W--> 327 Xaa Xaa Xaa Arg Gly Asp Xaa Xaa Xaa

328 1 5
331 <210> SEQ ID NO: 14
332 <211> LENGTH: 17
333 <212> TYPE: PRT
334 <213> ORGANISM: Artificial Sequence
336 <220> FEATURE:
337 <223> OTHER INFORMATION: RGD, NGR derivative peptide
340 <220> FEATURE:
341 <221> NAME/KEY: misc_feature
342 <222> LOCATION: (2, 3, 4, 5, 6, 12, 13, 14, 15 and)...(16)
343 <223> OTHER INFORMATION: At positions 2, 3, 4, 5, 6, 12, 13, 14, 15 and 16, Xaa is

any

344 amino acid or may be absent.
346 <400> SEQUENCE: 14

W--> 348 Cys Xaa Xaa Xaa Xaa Cys Arg Gly Asp Cys Xaa Xaa Xaa Xaa Xaa

349 1 5 10 15
352 Cys
356 <210> SEQ ID NO: 15
357 <211> LENGTH: 8
358 <212> TYPE: PRT
359 <213> ORGANISM: Artificial Sequence
361 <220> FEATURE:
362 <223> OTHER INFORMATION: RGD, NGR derivative peptide
365 <220> FEATURE:
366 <221> NAME/KEY: misc_feature
367 <222> LOCATION: (1 and)...(8)
368 <223> OTHER INFORMATION: Xaa is an independently selected amino acid.
370 <220> FEATURE:
371 <221> NAME/KEY: misc_feature
372 <222> LOCATION: (2 and)...(7)
373 <223> OTHER INFORMATION: Xaa equals 0 to 4 amino acids, each which is independently
374 selected.
376 <220> FEATURE:
377 <221> NAME/KEY: misc_feature

(see p. 6)

09/840,2770 6

<210> 15
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> RGD, NGR derivative peptide

FNT

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

same error in sequence 16.

<220>
<221> misc_feature
<222> (1 and) .. (8)
<223> Xaa is an independently selected amino acid.

<220>
<221> misc_feature
<222> (2 and) .. (7)
<223> Xaa equals 0 to 4 amino acids, each which is independently selected.

<220>
<221> misc_feature
<222> (4) .. (4) Asp is at location 4
<223> Xaa is selected from the group consisting of glycine and leucine.

<220>
<221> misc_feature
<222> (5) .. (5)
<223> Xaa is selected from the group consisting of tryptophan and leucine.

<400> 15

Xaa Xaa Asp Asp Xaa Xaa Xaa Xaa
1 5

variable length is not permitted.

Xaa can only represent a single amino acid.

(see item 5 on Error Summary Sheet)

what about Xaa at location 6?

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/840,277D

DATE: 09/15/2004
TIME: 09:25:06

Input Set : A:\A-688A.ST25.txt
Output Set: N:\CRF4\09152004\I840277D.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9; Xaa Pos. 2,5,7
Seq#:11; Xaa Pos. 2,3,7,8
Seq#:13; Xaa Pos. 1,2,3,7,8,9
Seq#:14; Xaa Pos. 2,3,4,5,6,12,13,14,15,16
Seq#:15; Xaa Pos. 1,2,5,6,7,8
Seq#:16; Xaa Pos. 1,2,3,6,7,8,9,10
Seq#:17; Xaa Pos. 3,5,6,13,15
Seq#:18; Xaa Pos. 2,3,4,7,15
Seq#:19; Xaa Pos. 3,4,5,6,8,13,15,18
Seq#:20; Xaa Pos. 2,5,6,7,12,13,14
Seq#:21; Xaa Pos. 1,3,6,9,12,13
Seq#:40; Xaa Pos. 3,4
Seq#:50; Xaa Pos. 2,3
Seq#:58; Xaa Pos. 5
Seq#:59; Xaa Pos. 6
Seq#:86; Xaa Pos. 3,15
Seq#:87; Xaa Pos. 13,15

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/840,277D

DATE: 09/15/2004

TIME: 09:25:06

Input Set : A:\A-688A.ST25.txt

Output Set: N:\CRF4\09152004\I840277D.raw

L:276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:283 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (10) SEQUENCE:
L:301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:308 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (12) SEQUENCE:
L:327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:457 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
M:341 Repeated in SeqNo=19
L:525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0
L:1109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0
L:1129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0
L:1525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:0
L:1545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87 after pos.:0